

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-243822

(43)Date of publication of application : 31.08.1992

(51)Int.Cl.

A61K 31/19  
A61K 31/22  
A61K 31/34  
A61K 31/35  
A61K 31/70  
A61K 35/78  
C07D307/80  
C07D311/30  
C07D311/32  
// C07H 17/07

(21)Application number : 03-022643

(71)Applicant : TSUMURA &amp; CO

(22)Date of filing : 24.01.1991

(72)Inventor : KUBO MASAYOSHI  
MORITA OSAMU  
SASAKI HIROSHI  
SATO SHUNJI

## (54) CALCIUM ANTAGONIST

(57)Abstract:

PURPOSE: To obtain a medicine useful for cardiovascular diseases such as hypertension, angina pectoris, arrhythmia, cerebrovascular disorders, etc., having calcium antagonism.

CONSTITUTION: A calcium antagonist comprising a phenol compound such as hesperidin, luteolin, 7-O- $\beta$ -D-glucopyranoside, caffeic acid, rosmarinic acid, rosmarinic acid monomethyl ester or schizotenuin A contained in spike of Schizonepeta tenuifolia Briq. of crude drug as an active ingredient.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]